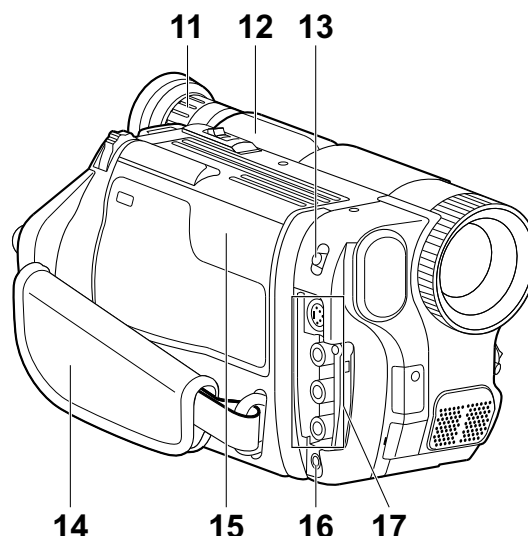
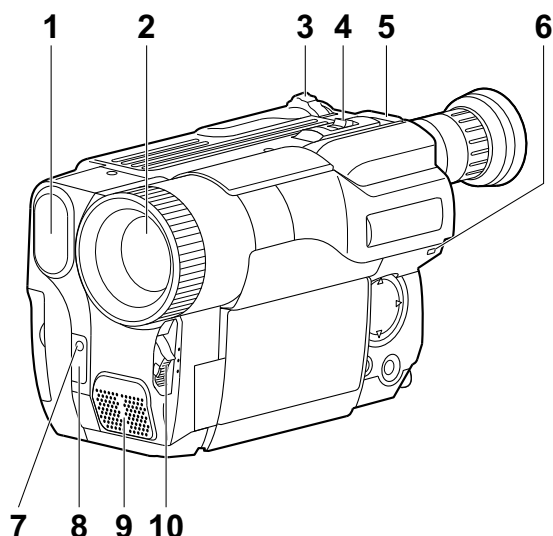


IDENTIFYING CONTROLS



1. Built-in DC Light (p54) (for VM-H775LE)

2. Lens Door (p24)

The lens door will open automatically when the camera/recorder is set to the camera (CAM) mode.

3. Power Zoom Control (p32)

4. Cassette Eject Switch (p18)

5. Shoulder Strap Slot (p12)

6. Charge Indicator (p13)

7. Record Indicator (p24)

8. Infrared Receiver (p24)

9. Microphone

10. CAM/OFF/VIDEO Power Switch (p24)

CAM: Set to this position to record.

VIDEO: Set to this position to play back a tape.

11. Diopter Control (p11)

To adjust the viewfinder eyepiece to suit your eyesight.

12. Electronic Viewfinder (p11)

13. DC Light Switch (p54) (for VM-H775LE)

To switch the DC light between ON, OFF and AUTO.

14. Hand Strap (p12)

15. Cassette Holder (p18)

Insert cassette here.

16. Microphone Jack

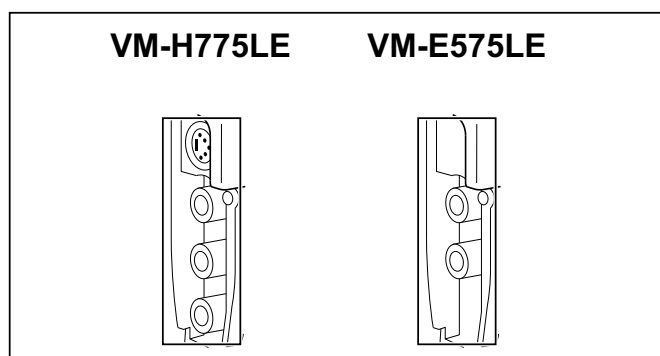
Connect external microphone (not supplied) here.

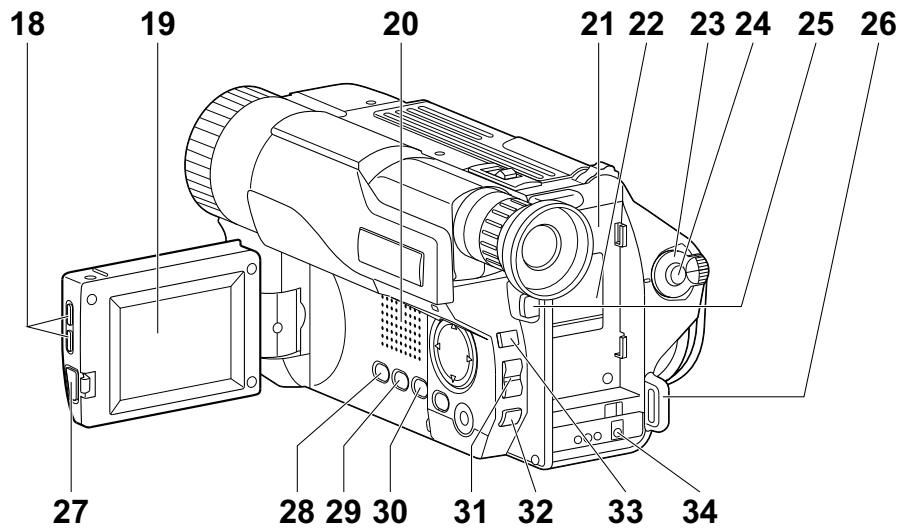
17. Audio/Video Output Jacks (Behind the jack cover) (p49)

Connect the provided AV cable from this jack to the AV input jack of your TV or VCR. The jacks on camera/recorder differ for each model as follows:

VM-H775LE has S-VIDEO jack and stereo audio output jacks.

VM-E575LE has monaural audio output jack.





18. LCD Brightness Controls (p9)

19. 2.5-inch LCD Monitor (p9)

20. Speaker (p9)

21. Power Supply Attachment Section (p16)

22. Clock Battery Compartment (p8)

23. Sub Power Switch (p24)

STANDBY: Pressing the Start/Stop button will start recording.

LOCK: The camera/recorder will not enter the record mode even if the Start/Stop button is pressed.

24. Start/Stop Button (p24, 28)

This works as a recording Start/Stop button in the CAM mode and as a playback pause button in the VIDEO mode.

25. BATT. EJECT Lever (p14)

Sliding, and then holding, this switch, remove the battery from the camera/recorder.

26. Shoulder Strap Slot (p12)

27. LCD Monitor OPEN Button (p14)

To open the LCD monitor.

28. DATE Button (p29)

To set the date or display it.

29. TITLE Button (p43)

To select or create a title, or display one.

30. EFFECT Button (p34)

To record digitally processed image or play back picture with digital effect added.

31. FOCUS Control Buttons (p26, 32)

CAM mode: To switch between auto focus and manual focus, or to control focus while in manual focus mode.

VIDEO mode: To control playback volume.

32. BLC (Backlight Compensation) Button (p40)

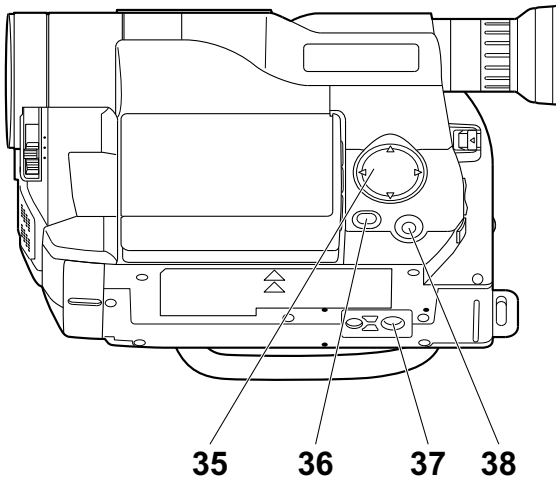
When recording a subject in bright light, hold this button down to compensate for lighting on tape.

33. MENU Button (p20)

To display the menu.

34. DC IN Jack (p17)

Use this jack to power the camera/recorder from the AC adapter or from battery in your vehicle.



35. Tape Transport and Menu Setting Buttons (p20, 26)

Tape Transport Buttons:

- ▶ **PLAY:** To play back tape.
- ◀◀ **REW:** To rewind tape.
- **STOP:** To stop tape.
- ▶▶ **FWD:** To fast forward tape.

Menu Setting Buttons:

To select menu items and set details.

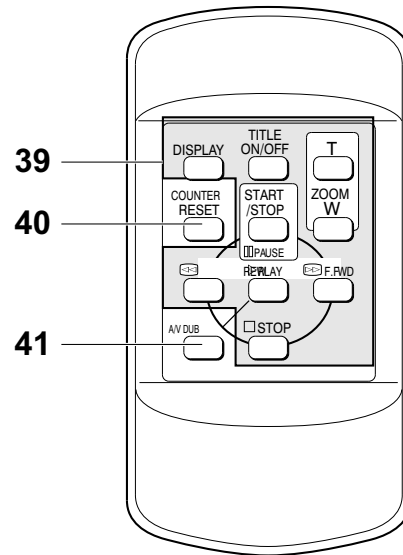
36. FADE Button (p36)

To select the desired fade mode.

37. Tripod Mounting Threaded Socket

38. PROGRAM AE Button (p39)

To change the exposure.



REMOTE CONTROL

39. Recorder Remote Control

Same functions as the corresponding buttons on the camera/recorder.

40. COUNTER RESET Button (only on the remote control) (p48)

To reset the time counter to 0:00:00.

41. A/V DUB Button (only on the remote control) (p52)

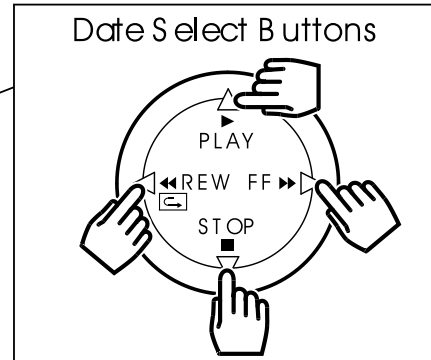
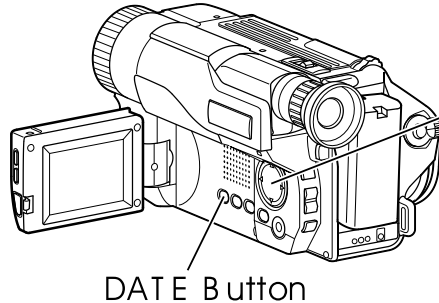
To dub audio and video.

DATE/TIME SETTING

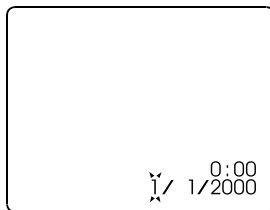
The date and time can be recorded on your tapes to act as a handy reference when viewing them at a later time. Use the following procedure to set up this display for the current date and time.

Make sure that the current time is displayed correctly before you start recording.

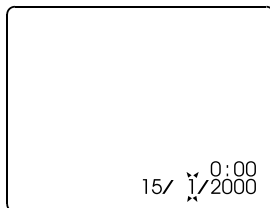
NOTE: Be sure to insert the clock battery before setting the date and time. Although the date and time can be set without the clock battery inserted, they will disappear when the battery providing power to the camera/recorder is removed.



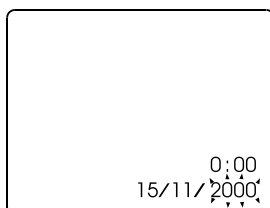
1. Slide the CAM/OFF/VIDEO switch to "CAM".
2. Press the DATE button.
"0:00" and "1/1/2000" appears on the monitor screen and "1" flashes.



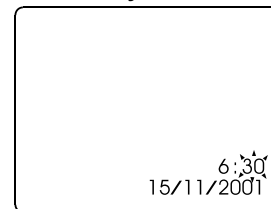
3. Press the PLAY or STOP button to select correct date. Pressing the PLAY button gives you higher numbers while the STOP button gives you lower numbers. When the correct date appears, press the FF button.



4. Press the PLAY or STOP button to select correct month. When the correct month appears, press the FF button.



5. Use the PLAY, STOP and FF buttons to select the correct year, hour and minute.



6. After setting to the correct minute, press the DATE button to change the display and start the internal clock. It is recommended that you press the DATE button to match the time signal.

NOTE: After the date and time are set, "⌚ AUTO" appears and the camera/recorder enters the automatic date recording mode. See "DATE RECORDING" on page 30.

■ To correct date/ time after starting the date/ time

1. Hold down the DATE button for at least 3 seconds: The flashing cursor will appear at the date.
2. Correct the incorrect digit by using the PLAY, STOP and FF buttons.

■ To correct date/ time during programming

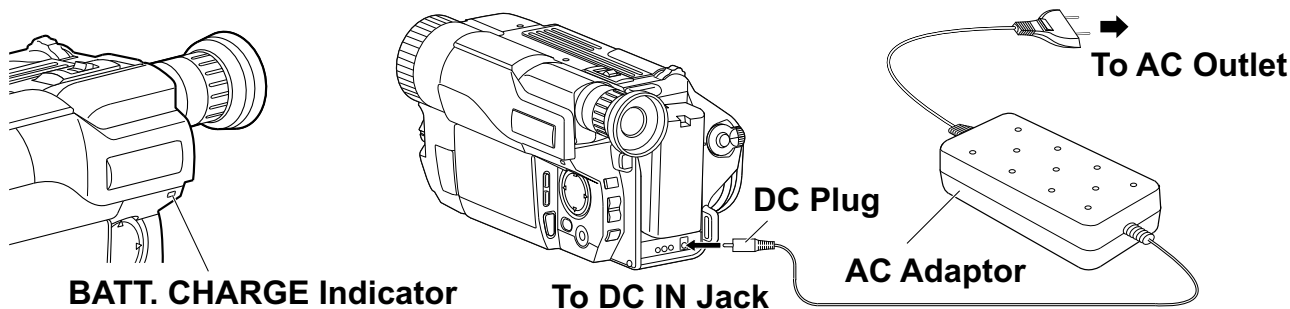
1. Press the FF button repeatedly until the digit that is incorrect flashes.
2. Correct the incorrect digit by using the PLAY, STOP and FF buttons.

CHARGING THE BATTERY

The first step is to set the battery for charging. To charge the battery, attach it to the camera/recorder, and connect the VM-ACE5E AC adaptor. Charge the battery at a temperature range of 10°C – 30°C to prevent damage to the battery.

NOTES:

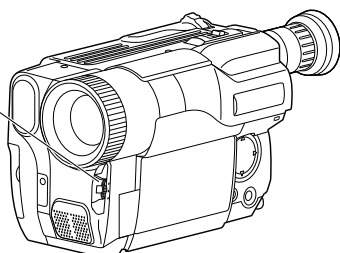
- This camera/recorder operates with a lithium ion battery such as VM-BPL13/VM-BPL30/VM-BPL60.
- We cannot be responsible for any malfunctions of the camera/recorder which occur when you use battery packs other than those specified.



Charge the battery on a flat surface that is free of vibration.

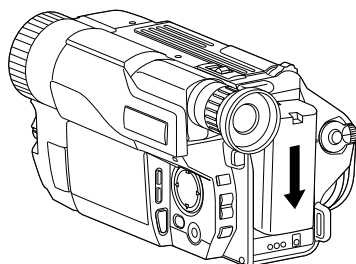
1. Make sure the CAM/OFF/VIDEO switch is set to OFF position.

CAM/OFF/VIDEO Switch



2. Attach the battery pack to the camera/recorder.

- Place the battery on the guide platform and slide it down so that it fits into the camera/recorder.



NOTE: Always attach a battery only by the procedure described here. Attaching a battery forcibly could damage it.

3. Plug the AC adaptor power cord into an AC outlet.
4. Connect the AC adaptor DC plug to the DC IN jack of the camera/recorder. Charging will start within five seconds. During charging, the BATT. CHARGE

indicator of the camera/recorder will flash or light to give you a reference of the charged level.

NOTES:

- If the BATT. CHARGE indicator flashes once every two seconds, the battery could be defective.
 - The BATT. CHARGE indicator will not light at all when the AC adaptor is defective.
 - You can use the battery before it is completely charged.
 - When charging is complete, the BATT. CHARGE indicator on the camera/recorder will light. If the fully charged battery is removed and then re-attached, the camera/recorder will again enter the charge mode, and the BATT. CHARGE indicator will flash. It will take a few minutes for the camera/recorder to enter the charge complete status.
 - Charging at low temperatures will decrease charge capacity.
5. After charging is complete, disconnect the AC adaptor DC plug from the camera/recorder.
 6. Disconnect the AC plug from the AC outlet.
 7. Detach the battery from the camera/recorder.

NOTES:

- Always remove the battery from the camera/recorder after use.
- Charging is not done when the CAM/OFF/VIDEO switch of the camera/recorder is set to CAM or VIDEO.

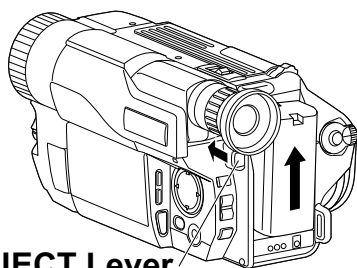
However, if recording pause continues for more than 5 minutes in the CAM mode, the camera/recorder will automatically turn off, after which charging will start.

If the sub-power switch is set to LOCK, charging will take place even when the CAM/OFF/VIDEO switch is set to CAM.

- If the DC plug is disconnected when the battery is attached and the CAM/OFF/VIDEO switch is set to CAM or VIDEO, the camera/recorder will turn off once, but then automatically turn on again. Note that the battery will discharge if the camera/recorder is left as it is.

■ Removing the battery pack

Slide the BATT. EJECT lever in the direction of the arrow and hold it; then slide the battery to the upper side and remove.



BATT. EJECT Lever

■ Reference of charged level

You can know the approximate charge level of battery by observing how the BATT. CHARGE indicator of camera/recorder flashes or lights:

Charge level	BATT. CHARGE indicator
0-50% charge	Flashes once at approx. one-second intervals.
50-75% charge	Flashes twice at approx. one-second intervals.
More than 75% charge	Flashes three times at approx. one-second intervals.
Full charge	Steady light

Charging time

Battery	VM-BPL13	VM-BPL30	VM-BPL60
Full charge	3h	5h 30 min.	9h 50 min.
75% charge	1h 50 min.	3h 40 min.	7h

■ Operating time

The camera/recorder operating time depends on how often you turn power on/off and use start/stop and zoom.

Continuous recording

EVF: when using the viewfinder

LCD: when using the LCD monitor

Battery	VM-BPL13	VM-BPL30	VM-BPL60
VM-H775LE			
EVF	2h 40 min	5h 55 min	12h
LCD	2h 15 min	5h	10h 20 min
VM-E575LE			
EVF	2h 50 min	6h 15 min	12h 40 min
LCD	2h 25 min	5h 30 min	11h 10 min

Typical recording

EVF: when using the viewfinder

LCD: when using the LCD monitor

Battery	VM-BPL13	VM-BPL30	VM-BPL60
VM-H775LE			
EVF	1h 35 min	3h 30 min	7h 10 min
LCD	1h 20 min	3h	6h 10 min
VM-E575LE			
EVF	1h 45 min	3h 45 min	7h 35 min
LCD	1h 30 min	3h 15 min	6h 40 min

Notes on the battery

- It is recommended that the battery always be left in the discharged state when not in use, and charged before you use it.
- Avoid storing a fully charged battery, and do not store it in a place where the temperature is high: this will damage the battery.
- Do not operate the battery at temperature below -10°C or above 45°C . At extremely low temperatures operation time decreases, while at high temperature the battery may be damaged.
- Do not attach a hot battery to the camera/recorder. Allow it to cool.
- There are no user-serviceable parts inside the battery or AC adaptor.
- Throwing the battery into fire or exposing it to excessive heat (above 60°C) may cause injury.
- Shorting the battery's terminal increases risk of fire or electrical shock.

ITEMS SELECTABLE WITH MENU DISPLAYS

The items that can be selected depend on the position of CAM/OFF/VIDEO switch.

NOTE: The VM-H775LE menu displays are used for the following explanation. Some items do not appear, depending on the model.

Menu selectable in the CAM mode

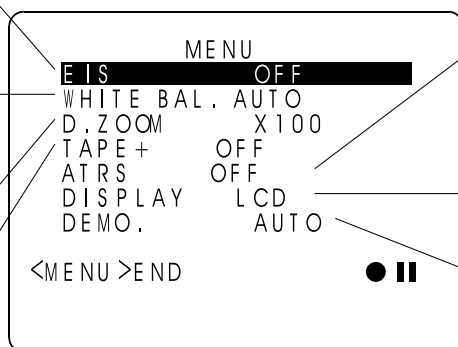
When the MENU button is pressed, the following menu display will appear:

To correct camera shake (p41).

To lock the white balance (p40).

To select the digital zoom mode (p33).

To upgrade normal tape (p23) (only for VM-H775LE).



To record in optimum status to match tape being used (p23) (only for VM-H775LE).

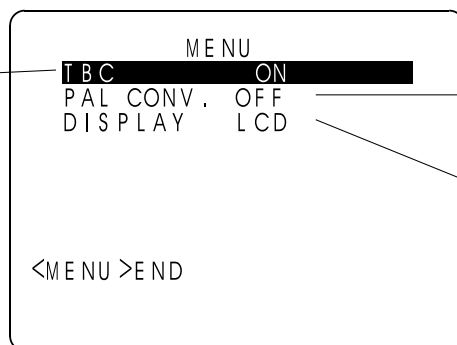
To turn the on-screen display on or off (p22).

To select the demonstration mode (p22).

Menu selectable in the VIDEO mode

Pressing the MENU button will display the following:

To ensure playback of stable pictures (p42).

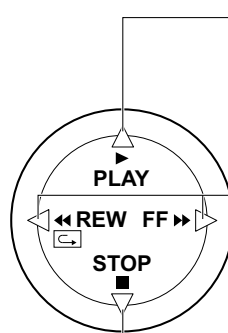


To view NTSC tape recorded in SP mode (p53).

To turn the on-screen display on or off (p22).

How to select items and set them

1. Press the MENU button.
2. Press the PLAY or STOP button to select the desired item.
3. Use the FF or REW button to select the desired mode.
4. Press the MENU button again to determine the mode.



To select an item whose mode you wish to change. Press PLAY to move the cursor up.

To select the mode of the item you have chosen.

To select an item whose mode you wish to change. Press STOP to move the cursor down.